



THE CITY OF SAN DIEGO

May 9, 2014

Mr. David Zoutendyk, Division Chief
U.S. Fish and Wildlife Service
Carlsbad Field Office
2177 Salk Avenue
Carlsbad, CA 92008

Mr. David Mayer
California Department of Fish and Wildlife
3883 Ruffin Road
San Diego, CA 92123

Dear Mr. Zoutendyk and Mr. Mayer:

Subject: 2013 MSCP Annual Report

Please accept this letter and attachments as the City of San Diego's 2013 MSCP Annual Report. The reporting period is from January 1, 2013 to December 31, 2013. In developing this report, the City of San Diego utilized Habittrak, the GIS extension developed by CDFW for tracking the loss and gain of habitat. Biological impacts were entered as project losses and compensatory biological mitigation was entered as project gains. Please see Attachments 1a through 1d for the habitat loss and gain summary tables generated by Habittrak.

ANNUAL REPORT SUMMARY

Pursuant to the City's Implementing Agreement (IA), conservation of 52,012 acres is required prior to expiration of the City's MSCP permit in 2047. With adoption of the amendment to the Brush Management Regulations in 2005, the City's conservation obligation was increased by 715 acres to offset the expanded Brush Management Zone 2 area. As shown in Table 1 below, 94% of the required 52,727 acres is either currently conserved or obligated to be conserved. To date, 2,662.02 acres have been conserved outside of the MHPA. While conserved lands outside of the MHPA do not currently count towards the City's conservation obligation, many of these areas provide important protection for significant biological resources and wildlife movement.

<p style="text-align: center;">Table 1 City of San Diego Conservation Accounting December 31, 2013</p>				
MHPA conservation requirement	Conserved acreage within the MHPA	Conserved acreage outside the MHPA	Cornerstone Lands obligated for future MHPA conservation**	Remaining MHPA conservation requirement
52,727 acres	34,848.90 acres (66%)	2,662.02 acres*	14,932 acres (28%)	2,946.1 acres (6%)

* Not included towards City's MHPA conservation requirement

** Pursuant to the Cornerstone Lands Conservation Bank Agreement Lake Hodges/San Pasqual, Otay Lakes, and San Vicente lands shall be conserved via a conservation easement upon activation of each bank area.

In 2013, there was a total Habitat Gain of 13.46 acres (10.49 acres inside the MHPA and 2.97.0 acres outside the MHPA). The total Habitat Loss was 8.34 acres (0.94 acres were lost inside the MHPA and 7.4 acres outside the MHPA).

PROJECT HABITAT LOSS AND GAIN

Private projects that were issued a grading permit within the calendar year 2013 have been included within this annual reporting period (See Attachments 1c and 1d). Public projects are not issued grading permits. Therefore, the City departments report directly to MSCP staff on projects that were constructed during the 2013 calendar year (See Attachments 2a – 2c). Mitigation for private and public projects may include on-site or off-site conservation, payment into the Habitat Acquisition Fund (HAF), or utilization of mitigation credits from mitigation banks. Please see discussion below on projects impacts by City departments as well as a summary of projects which used either the HAF or mitigation banks to offset their project impacts.

Public Utility Department (PUD) and Public Works Department

Attachment 2a shows project impacts incurred by PUD for the calendar year 2013 by project, habitat type, habitat tier, and Mitigation Assignment by Project. There were a total twenty-six projects; of these, eleven did not impact any sensitive habitat (total impacts were 0.5463 acre of Tier IV habitat). Of the remaining fifteen projects, there was a total impact of 0.1886 acre of Tier 1 through Tier 3b habitats and 0.4942 acre of wetland habitat. Fourteen of these projects are associated with the Canyon Sewer Program and all impacts are considered cumulatively significant requiring mitigation regardless of the size of the impact. The Rancho Bernardo Water Emergency Water project is not part of this program and was analyzed as stand-alone project in accordance with the City's Biology Guidelines.

Attachment 2b, Canyon Sewer Cleaning Program and Long Term Sewer Maintenance Program Progress Report, provides a status of PUD's thirteen mitigation sites located throughout the City of San Diego (see Figure A of the report). Attachment C to the report includes a list of projects that have been mitigated within these mitigation bank areas. Table 2 below summarizes the

impacts to sensitive habitat and mitigation site locations for the 2013 PUD projects. Please note mitigation was not required for removal of invasive non-natives (*Arundo donax*), temporary tracking over shrubs/grassland, and trimming of branches.

Table 2
Public Utility Department (PUD)
Project Impacts and Mitigation in 2013

Project Name	Impact Acreage Wetland	Impact Acreage Upland	MHPA	Mitigation Area
Alvarado TS MH459 & 458 Maintenance	None	0.005	No	Lake Murray (uplands)
Buchanan Sewer Blockage Emergency	0.230	0.055	Yes	Camino del Rio North (wetlands) Lake Murray (uplands)
Chollas Dam Vegetation Removal	0.022	None	No	Camino del Rio North (wetlands)
Lopez Canyon LT MH 13	0.1	None	Yes	El Rancho & Los Penasquitos (wetlands)
Manning Canyon Sewer Repair	None	0.002	Yes	Tecolote Canyon (uplands)
Market St. MH Access	0.007	None	No	No mitigation required: removal of invasives (<i>Arundo donax</i>)
Mission Gorge TS Pipe Protection	0.072	None	Yes	No mitigation required: Trimming of over story branches only
Noble Dr. Sewer Emergency	None	0.012	No	No mitigation required: Temporary tracking over shrubs only
Otay Valley TS Pipe Protection	0.026	0.04	No	Camino del Rio North (wetlands) & Marron Valley Bank (uplands)
Penasquitos Lagoon MH 190 Access	None	0.006	No	Canyon View (uplands)
Rancho Bernardo Water Emergency	None	0.058	Yes	No mitigation required: Below City's significance thresholds for upland impacts
Rancho Mission LT	0.014	0.0056	Yes	Camino del Rio North (wetlands) & Marron Valley Bank (uplands)*
Spruce MH 220 Emergency	0.0002	None	No	No mitigation required: Temporary disturbance to unvegetated channel
Tecolote North Exposed TS Emergency	0.003	0.003	Yes	Tecolote Canyon (wetlands) No mitigation required (uplands): Temporary tracking on dormant grasses
West San Diego River Access	0.02	None	Yes	No mitigation required: Temporary trimming of vegetation & removal of invasives (<i>Arundo donax</i>)
Total Impact	0.4942	0.1866		

*Deduction made in January 2014 from PUD credits available at Marron Valley Mitigation Bank

The Public Works Department constructed five projects within the 2013 reporting period (Attachment 2c). Total impacts to sensitive habitats included 1.199 acres of Tier 2 through Tier 3b habitats and 0.03 acre of wetland habitat. Mitigation included payment into the HAF (Fontaine Street Storm Drain, San Diego River Pathway/uplands (paid in 2012), and Scripps Ranch Reservoir), on-site mitigation/5-year restoration programs (Rancho Mission Canyon Park Slope Repair and Camino Del Sur Recycled Water Pipeline/SR-56 Slope Repair), and off-site mitigation/5-year restoration program (San Diego River Pathway/wetland). Public Works Department completed the work for the Rancho Mission Canyon Park Slope Emergency Repair and Camino Del Sur Recycled Water Pipeline/SR-56 Slope Repair projects in 2013. On-site mitigation has been provided for these projects and after-the-fact permits will be obtained in 2014.

Table 3 Public Works Department Project Impacts and Mitigation in 2013				
Project Name	Impact- Wetland	Impact- Upland	MHPA	Mitigation Area
Fontaine Street Storm Drain	None	0.29	Yes	HAF payment
San Diego River Pathway	.030	0.209	Yes	Off-site mitigation/5-year Restoration Program (wetlands) & HAF payment (uplands)*
Scripps Ranch Reservoir	None	0.31	Partial	HAF payment
Rancho Mission Canyon Slope Repair	None	0.30	Yes	On-site mitigation/5-year Restoration Program
Camino del Sur Recycled Water Pipeline/SR-56 Slope Repair	None	0.09	Yes	On-site mitigation/5-year Restoration Program
Total Impact	0.30 acre	1.199 acre		

*HAF Payment was made in 2012

The habitat loss and gain for the above projects have not been included within Habitrak due to the small impact acreage amounts within each project location. In addition to the mitigation requirement, 25-month native revegetation/erosion control plans are also implemented for all on-site impacts related to the repair and maintenance projects. This essentially results in no net loss of on-site biological resources.

Park and Recreation Department

No impacts were incurred by Parks and Recreation Department within the 2013 reporting period.

Transportation and Stormwater Department

As part of the Master Storm Water System Maintenance Program (Program), the Transportation & Stormwater Department began implementation of the Tijuana River Valley Channel Maintenance Project in September 2013. The project is still on-going and as of December 31, 2013, the actual impacts have not been quantified. Projected impacts, as permitted by all applicable regulatory agencies, may include up to 4.31 acres of impact to wetlands. Actual impacts will not exceed the authorized impact area. Compensatory wetlands mitigation for the impacts is in progress including invasive species eradication for 4.31 acres within the project area and general vicinity. The work began concurrently with the channel maintenance activities. The channel work and mitigation areas are both within the MHPA. No emergency activities were conducted by the department in environmentally sensitive areas in 2013.

Habitat Acquisition Fund (HAF)

Table 3 below lists the projects which paid into the HAF during the 2013 reporting period (Attachment 3). A total of \$140,855.00 was collected which consisted of \$128,050 to be used for mitigation land purchase and \$12,805 for administration costs related to the acquisitions.

Table 4 Habitat Acquisition Fund (HAF) Payments in 2013				
Project Name	PTS Number	Mitigation Payment	Administration Payment	Total
La Jolla Grading	310063	\$5,250	\$525	\$5,775
Costa Verde Hotel, LLC	173841	\$3,850	\$385	\$4,235
West Petrol III Grading	112677	\$39,500	\$3,950	\$43,450
San Diego Professional Office Building	158983	\$58,800	\$5,880	\$64,680
Scripps Ranch Reservoir	350494	\$10,500	\$1,050	\$11,550
Fontaine Street Storm Drain	264038	\$10,150	\$1,015	\$11,165
Subtotal		\$128,050	\$12,805	\$140,855

Marron Valley Cornerstone Lands Conservation Bank

In accordance with the Cornerstone Lands Conservation Bank Agreement, the City has 1,000 acres of upland mitigation credit associated with Marron Valley Mitigation Bank (Attachment 4). In 2013, credits were purchased for two projects:

- Rancho Mission Canyon Long-Term Sewer Access Project –0.0007 acre credit
- Rabbitt Residence - 0.70 acre credit

As of December 31, 2013, a total of 63.445 credits have been sold. The remaining bank balance is 936.555 credits of Tier II habitat.

Soledad Canyon Mitigation Bank

On April 6, 2006 the City approved the Soledad Mitigation Bank located in the Miramar area. This private mitigation bank included restoration of approximately two thirds of the 9.39 acre site. As shown in Table 2, the sale of land credits was used to mitigate several development projects. Mitigation sales were completed in 2012. Proposal to add the 6.19 acres of restored habitat outside of MHPA into the MHPA was approved at the August 20, 2013 MHPA Boundary Line Adjustment (BLA) meeting. The City of San Diego is in the process of accepting the Soledad bank in fee title and will manage the site in accordance with MSCP requirements.

Table 5 Soledad Mitigation Bank Credit Sales			
Project Name	PTS Number	Acreage	Habitat Tier
Sea Breeze-Carmel View	PTS# 4449	1.7 acres	Tier II
Clews Horse Ranch	PTS# 5568	0.997 acre 1.183 acres	Tier I Tier II
Pepper Tree Point/Gables	PTS# 167252	0.081 acre 2.331 acres	Tier I Tier II
Paradise Point	PTS# 211893	0.675 acre	Tier II
McCaw	PTS# 174584	0.557 acre 0.321 acre	Tier I Tier II
Rabbitt Residence	PTS# 173122	0.56 acre	Tier I
Valley Ridge Estates/Gawle	PTS# 97083	0.235 acre 0.659 acre	Tier I Tier II
Total Acreage		9.299 acres	

Johnson (Del Mar Mesa 5 ac) Mitigation Bank

The Johnson 5-acre mitigation bank was deeded to the City in April 2003 and was added to Habitak as "gain" in the same year. This private project mitigation bank is located in Del Mar Mesa and is wholly within the MHPA. In 2013, the final 0.3 acre credit was sold for the White (Gerst) Residence (0.1 acre Tier I and 0.2 acre Tier III). The credit sales of this bank are now complete and the bank is closed.

ENVIRONMENTALLY SENSITIVE LAND (ESL) REGULATIONS

The Elms and Ivy project (PTS No. 296644) in Pacific Highlands Ranch was the first project to be processed under the 2012 ESL/Wetland Deviations. Impacts to 0.09 acre of low quality wetlands (streambed & southern willow scrub) were proposed under the "Biologically Superior

Option". The Wildlife Agencies concurred with the low quality wetland determination on November 15, 2013 and approved the off-site wetland mitigation proposal located on the St John Garabed site on December 16, 2013. The project was presented to the Wetlands Advisory Board on November 14, 2013 and concurrence with the low quality wetland determination was obtained.

MHPA BOUNDARY LINE ADJUSTMENT (BLA) & CORRECTION (BLC) MEETINGS

The City and Wildlife Agencies conducted six BLA meetings between February and December 2013. MHPA Boundary Line Adjustments (BLA) were considered for five projects and MHPA Boundary Line Corrections (BLC) were considered for two projects and five community planning areas (Tables 6 and 7). Additionally, two projects were reviewed and approved for wetland-related issues (Elms and Ivy and The Reserve) and City/Agency input was provided for the revised Cypress Point project which proposed a reduction in development and MHPA impacts. The BLAs for Soledad Canyon Bank, Tierra Alta, and St. John Garabed Church were approved in 2013. The remaining projects will continue to be evaluated in 2014.

Table 6 MHPA Boundary Line Adjustments Calendar Year 2013				
Project Name	PTS Number	BLA Meeting Date	Status	Project Description
Cypress Point	N/A	12/10/13	Information Item	Scripps Ranch area. BLA had been proposed for a different project. New applicant wanted input on new development area & BLA process
Elms and Ivy	296644	11/15/13 12/10/13	Approved	Pacific Highlands Ranch area. Wetland Deviation for Biological Superior Option for 0.09 acre of impact to streambed & southern willow scrub
Glenn at Scripps Ranch	264823	4/30/13	Pending	53.37 acre site located in Scripps Miramar Ranch. 4.39 acre in the MHPA/Impacts to 2.25 acres/conserving 9.57 acres for net gain of 5.19 acres on MHPA
Grand Del Mar	289270	6/18/2013	Pending	Golf course located in Del Mar Mesa. Proposal would remove 0.30 acre for unpermitted tee box areas and add 0.502 acre
The Reserve	292065	12/10/13	Approved	La Jolla/Coastal Zone. Non-wetland waters with 100' buffer except for area by driveway where buffer would be reduce to 35' at narrowest point

Soledad Canyon Mitigation Bank	None	8/20/13	Approved	Per the Bank Agreement, 6.19 acres outside of the MHPA was to be restored and added to the MHPA upon successful completion of the restoration program.
St. John's Garabed Church	240283	11/15/2013	Approved	13.4 acre site off El Camino Real. Removal of 0.88 acre offset with 1.76 acre of wetland & buffer restoration at Gonzales Canyon.
Tierra Alta	337401	11/15/13	Approved	Revision to prior BLA approved in 2001. Project would remove 0.12 acre and add 0.73 acre.

As Community Plan updates occur, the MHPA mapping will be comprehensively evaluated to determine if a MHPA boundary line correction at the community plan level is needed. It is anticipated that corrections are likely to occur within areas that include urban canyons. In many of these areas the MHPA boundaries do not correspond to the open space and/or biological resources as originally envisioned with the MSCP. This most likely occurred due to: 1) use of graphics from existing pre-1996 community plans which showed generalized open space lines and, 2) due to the limited digitizing capabilities at that time. While the community open space includes both biological and urban amenity resources (such as view corridors into the open space), the MHPA would be corrected to include only those areas with biological value. The goal is also to remove development (i.e., houses and streets) from MHPA, thus reducing the need to process BLCs at the project level. To date, City staff and Wildlife Agencies have evaluated in MHPA boundary within five community planning areas: Otay Mesa, Encanto, Greater North Park, Uptown, and Golden Hills.

Table 7
MHPA Boundary Line Corrections
Calendar Year 2013

Project Name	PTS Number	BLA Meeting Date	Status	Project Description
Community Plan Update: Greater North Park, Uptown, and Golden Hill	N/A	2/19/13 4/30/13	Pending*	Remove existing development from the MHPA & evaluated adjacent open space areas for inclusion into the MHPA
Community Plan Update: Encanto	N/A	2/19/13 4/30/13	Approved	Removed 4.51 acres of existing development & added 15.21 acres of City-owned open space
Community Plan Update: Otay Mesa	30330	Via Email - 3/14/14	Approved	Registration Error: Removed 3.7 acre of development & added 10.8 acre of habitat consisted with approval for International Business Center project

Los Penasquitos/Black Mt. Ranger Station	356059	2/19/13	No BLC required	Existing uses (i.e., access road to equestrian facility & sewer manhole allowed with MHPA)
North City Presbyterian Church	150585	8/20/13	Approved	Project has vested rights per 1977 CUP 545P & 1986 permit for a kitchen addition. Removed 0.37 acre of developed area & 0.10 acre of eucalyptus; Added 0.21 acre of willow scrub, 0.01 acre of coast live oak 0.04 acre of eucalyptus woodland & 0.01 acre of disturbed habitat

*Approved, pending final review of maps

MHPA PRESERVE MANAGEMENT AND MONITORING

Natural Resource Management Plans (NRMP)

The City's Park and Recreation Department/Open Division manages over 24,000 acres of open space. NRMPs have been prepared or they are currently in process for many of the open space preserve areas. NRMPs are developed to ensure that protection and management of biological resources within the MHPA are consistent with MSCP requirements. Below is a list of the NRMPs that are currently in the preparation, review, or project approval phase:

Black Mountain Open Space Park NRMP

The draft NRMP has been prepared and is currently in hearing approval process. The draft plan can be reviewed at the following link:

<ftp://ftp.sannet.gov/OUT/Parks/Black%20Mountain%20Ranch/Black%20Mountain%20Natural%20Resource%20Management%20Plan/>

Carmel Mountain/Del Mar Mesa NRMP

The draft NRMP has been prepared and can be reviewed at the link below. The CEQA document is anticipated to be distributed for public review in March, 2014.

<ftp://ftp.sannet.gov/OUT/Parks/Del%20Mar%20Mesa/>

Mission Trails Regional Park NRMP and Master Plan Update

The draft NRMP has been prepared and can be reviewed at the link below. City staff and the Wildlife Agencies are currently coordinating on the proposed trail alignments within the East Elliott portion of the park.

<http://mtrp.org/master plan.asp>

Pacific Highlands Ranch NRMP

The City is currently in the contracting phase. Once a contract is awarded, preparation on the NRMP will begin.

Tecolote Canyon Natural Park NRMP

The updated NRMP document is beginning the project review phase. The document will be presented to the Citizen's Advisory Committee in January, 2014 with review by the Wildlife Agencies and public to follow later in 2014.

MHPA and Open Space Management

The "MSCP Management Actions Report, January 1, 2013-December 31, 2013" (Attachment 5), prepared by the City of San Diego Park and Recreation Department, Public Utilities Department, and Environmental Services Department provides a summary of the management projects that were undertaken by these departments in 2013. These activities include mitigation, enhancement and restoration, invasive species removal, access control, trash and debris removal, enforcement, abatement of homeless encampments, environmental education, and volunteer training. Five new Ranger positions were added to the Park and Recreation Open Space Division in December 2013.

Attachment 6 describes the management activities that were conducted by City staff in 2013 within Cornerstone and PUD-owned lands including Barrett, Eichenlaub Ranch, El Capitan Lake Hodges/San Pasqual, Lake Murray, Otay, Proctor Valley, Marron Valley, Sutherland, and Pamo Valley. Activities include field inspections, trash removal, fence repair, invasive species removal, posting of signage, restoration, and monitoring.

The Environmental Services Department has received grants for watershed improvement and restoration within Chollas Creek and Rose Creek. These activities are summarized below and described in greater in detail in Attachment 7.

Chollas Creek

Within Chollas Creek, restoration of a 4.03-acre site is currently underway. Phase I occurred in 2012 and included removal of transient camps and debris from the site. In late 2012 and throughout 2013, the second phase of the project was undertaken. Phase II included the removal of more than a dozen non-native plant species. Thus far, a total of 49.78 tons of non-native vegetation has been cut and removed from the site.

The final phase (III) of the project will be the revegetation of native plants in the areas where non-native vegetation has been removed. Both riparian obligate and upland vegetation will be used. This phase is anticipated to be completed in 2014. The

restoration project will increase available habitat for local and migratory animal and bird species as well as improve the water quality of this urbanized creek for the surrounding community. The habitat restoration effort will also decrease the reoccurring transient population by removing non-native plant hideouts and in return decrease the source of transient related pollutants.

In 2014, the project will be in year four of five-year maintenance and monitoring schedule that is being followed. At the end of the five-year project term, management of this site will return to PUD and Park and Recreation Department, Open Space Division.

Rose Creek

At the commencement of 2013, the grant for this project concluded. The only work which remains is to remove project revegetation signage. This project restored 3,670.4 linear feet and 8 acres of riparian and riverine habitat and added three acres of riparian habitat. Overall the project increased habitat for local and migratory animal species, as well as, improved the water quality of the urban creek. The Project also included the permanent placement of educational interpretive signs along the existing public trail. Please see the 2012 MSCP Annual Report for further details of this project.

Additionally, many of the City and grant-funded projects including invasive species mapping and removal, enhancement and restoration, trash/clean events were completed in partnership with other public agencies, schools, environmental consultants, and non-profit groups. Three examples are discussed below:

- *City Heights Canyons Lands Enhancement Project*

Project (PTS No. 333312) proposes to restore fourteen acres of upland and two to three acres of wetlands within four City-owned canyons (Manzanita, Swan, 47th Street and Hollywood Canyons). The project would also provide improvements to the existing trail system. The project is funded by an Urban Greening Grant and would be implemented by San Diego Canyonlands.

- *City Heights Canyons/Radio, Emerald, and Encanto*

Project is currently in the planning stage. If approved, funding from an Urban Greening Grant would be used for habitat restoration within three City Heights Canyons (Radio, Emerald, and Encanto canyons). Project would be implemented by Grounds Work and Urban Corp.

- *Dillon's Trail Clean-up*

The Environmental Services Department arranged for several clean-up efforts (2012-2013) within the Otay Mesa Dillon's Trail area to assist private land owner in the removal of 898 tons of debris and 2,163 tires. Although this project area is mainly on private property outside the MHPA, the area is host to native grasslands, vernal pools, and burrowing owls. Critical habitat for the San Diego fairy shrimp and spreading Navarretia has also been identified on-site.

MSCP Monitoring

The Park and Recreation Department, Open Space Division has prepared and sent "City of San Diego 2013 MSCP Rare Plant Monitoring Report" to the Wildlife Agencies under separate cover. A CD of the report is included as Attachment 8.

PUBLIC OUTREACH AND EDUCATION

The City of San Diego Park and Recreation Department provides numerous environmental education opportunities at Mission Trails and Tecolote Canyon Nature Centers as well as throughout the City's open space parks and canyons. In 2013, over 84,000 people visited the Mission Trails Visitor Center, and approximately 16,000 people visited the Tecolote Nature Center. Examples of the programs provided for children include: Nature Adventure and Kidz Watch at Mission Trails Regional Park, and a Kumeyaay Cultural Experience event held at the Tecolote Nature Center called "Baskets and Botany".

At all regional parks and open space areas, Park Rangers regularly lead nature walks, give informal talks and presentations, and provide information through interpretive signs, kiosks, and hand-outs to enhance the park experience and educate park visitors on the unique resources within the San Diego region. Additionally, several hundred volunteers participated in one-day restoration or clean-up events such as Coastal Cleanup Day, Creek to Bay Cleanup, Otay Valley Regional Park Day, and Explore Mission Trails Day, as well as other special work days.

CONCLUSION

I look forward to your comments on the enclosed information, and hope to have an opportunity to discuss the results and future needs of the City and the Wildlife Agencies as they pertain to

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Habitrak and the annual report requirements. Please call Holly Smit Kicklighter, MSCP Planner at (619) 236-6621, if you have any questions.

Sincerely,



William Fulton, Director
Planning, Neighborhoods & Economic Development Department

JK: hask

CC: Honorable Mayor Kevin Faulconer
Betsy Miller, Senior Planner, Park and Recreation Department; Open Space Division
Nicole McGinnis, Senior Planner, Public Utilities Department
Keli Balo, Project Manager, Public Utilities Department
Lisa Wood, Senior Planner, Environmental Services Department
Juan Baligad, Interim Project Officer II, Public Works Department

ATTACHMENTS:

1. 2013 MSCP Annual Reporting
 - a) Habitat Conservation Model
 - b) Summary of Habitat Gains and Losses
 - c) Summary of Project Gains
 - d) Summary of Project Losses
2. 2013 City Department Project Impact/Mitigation Reporting
 - a) Public Utilities Department: Impact Totals by Project, Habitat Tier, Habitat Type & Mitigation Assignment by Project - 2013
 - b) Canyon Sewer Cleaning Program & Long Term Sewer Maintenance Program Progress Report - September 2013
 - c) Public Works Impact Totals by Project and Habitat Tier -2013
3. Habitat Acquisition Fund (HAF) Deposit Schedule/Calendar Year 2013
4. Marron Valley Cornerstone Lands Conservation Bank Debits: 1997-2013
5. MSCP Management Actions Report/January 1, 2013 to December 31, 2013
6. Public Utilities Resource Management Activities – 2013
7. Environmental Services Department Grant Activities - 2013
8. MSCP Rare Plant Monitoring Report – 2013 (CD)

Habitat Conservation Accounting Model

MSCP South San Diego County

From 1/1/2013 To 12/31/2013

Project Gain Status: Gain

Project Loss Status: Loss



ATTACHMENT 1a

<i>City of San Diego</i>	Total Subarea Habitat Preserve	Conservation Target	Estimated Take	Conservation Ratio	Cumulative Conservation Inside Habitat Preserve	Max. Allowable Impacts for the Current Period	Actual Loss Inside Habitat Preserve for Current Period	+ or - Max. Allowable Impacts
Beach	115	115	0	0.00	77.14	0.00	0.00	n/a
Saltpan	136	136	0	0.00	138.92	0.00	0.00	n/a
Southern Foredunes	10	9	1	9.00	9.92	1.09	0.00	-
Southern Coastal Bluff Scrub	144	137	7	19.57	141.01	7.18	0.00	-
Coastal Sage Scrub	21,185	19,260	1,925	10.01	12,396.03	1,307.56	0.15	-
Maritime Succulent Scrub	721	694	27	25.70	704.46	27.37	0.00	-
Chaparral	11,652	10,574	1,078	9.81	8,032.27	844.79	0.80	-
Southern Maritime Chaparral	1,231	1,128	103	10.95	946.75	88.11	0.00	-
Coastal Sage-Chaparral Scrub	118	98	20	4.90	267.16	51.07	0.00	-
Grassland	5,387	5,014	373	13.44	3,344.61	261.23	0.00	-
Southern Coastal Salt Marsh	936	936	0	0.00	732.87	0.00	0.00	n/a
Freshwater Marsh	232	232	0	0.00	75.64	0.00	0.00	n/a
Riparian Forest	614	614	0	0.00	433.31	0.00	0.00	n/a
Oak Riparian Forest	469	469	0	0.00	312.12	0.00	0.00	n/a
Riparian Woodland	567	567	0	0.00	512.02	0.00	0.00	n/a
Riparian Scrub	2,749	2,749	0	0.00	1,776.20	0.00	0.00	n/a
Oak Woodland	362	332	30	11.07	181.50	17.76	0.00	-
Torrey Pine Forest	153	145	8	18.13	144.50	7.98	0.00	-
Tecate Cypress Forest	2	2	0	0.00	0.00	0.00	0.00	n/a
Eucalyptus Woodland	189	183	6	30.50	126.08	4.32	0.00	-
Open Water	3,699	3,699	0	0.00	519.75	0.00	0.00	n/a
Disturbed Wetland	583	583	0	0.00	141.37	0.00	0.00	n/a
Natural Floodchannel	295	295	0	0.00	43.70	0.00	0.00	n/a
Shallow Bays	225	225	0	0.00	76.86	0.00	0.00	n/a
Pacific Ocean/Deep Bay	2	0	2	0.00	1.95	0.00	0.00	n/a
Disturbed Land	2,763	0	2,763	0.00	1,775.81	0.00	0.00	n/a
Agriculture	2,097	0	2,097	0.00	1,103.83	0.00	0.00	n/a
Urban/Developed	0	0	0	0.00	833.13	0.00	0.00	n/a
Total Acres for Agency: City of San Diego					34,848.90		0.94	

Note: The Agriculture and Urban/Developed category is included to account for all land included within a project and habitat preserve planning area.



Summary of Habitat Losses and Gains

Plan: MSCP South San Diego County

Project Gain Status: Gain

Date Range: 1/1/2013 - 12/31/2013

Project Loss Status: Loss

City of San Diego

Habitat Type	Target Cons.	Acres Inside the Habitat Preserve Planning Area					Acres Outside the Habitat Preserve				Total Acres			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain		Habitat Loss		Habitat Gain	
		Current Period	Cummulative	Current Period	Cummulative	Cons. to Date %	Current Period	Cummulative	Current Period	Cummulative	Current Period	Cummulative	Current Period	Cummulative
Beach	115	0.0	0.0	0.0	77.1	67.1 %	0.0	0.0	0.0	18.0	0.0	0.0	0.0	95.2
Saltpan	136	0.0	0.0	0.0	138.9	102.1 %	0.0	0.0	0.0	0.1	0.0	0.0	0.0	139.0
Southern Foredunes	9	0.0	0.0	0.0	9.9	110.2 %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9
Southern Coastal Bluff Scrub	137	0.0	0.0	0.0	141.0	102.9 %	0.1	0.1	0.1	1.8	0.1	0.1	0.1	142.8
Coastal Sage Scrub	19,260	0.1	243.7	0.3	12,396.0	64.4 %	0.1	1,214.6	0.0	432.2	0.2	1,458.2	0.3	12,828.3
Maritime Succulent Scrub	694	0.0	38.7	0.0	704.5	101.5 %	0.0	183.2	0.0	57.9	0.0	221.8	0.0	762.4
Chaparral	10,574	0.8	136.3	10.2	8,032.3	76.0 %	1.2	1,088.3	0.8	451.2	2.0	1,224.7	10.9	8,483.5
Southern Maritime Chaparral	1,128	0.0	42.5	0.0	946.8	83.9 %	0.0	97.1	0.0	36.4	0.0	139.7	0.0	983.1
Coastal Sage-Chaparral Scrub	98	0.0	6.8	0.0	267.2	272.6 %	0.0	11.9	0.0	35.1	0.0	18.6	0.0	302.3
Grassland	5,014	0.0	226.2	0.0	3,344.6	66.7 %	1.4	3,540.0	0.0	549.4	1.4	3,766.2	0.0	3,894.0
Southern Coastal Salt Marsh	936	0.0	0.0	0.0	732.9	78.3 %	0.0	0.0	0.0	69.1	0.0	0.0	0.0	802.0
Freshwater Marsh	232	0.0	1.5	0.0	75.6	32.6 %	0.0	2.5	0.0	1.8	0.0	4.0	0.0	77.4
Riparian Forest	614	0.0	0.3	0.0	433.3	70.6 %	0.0	3.1	0.0	5.6	0.0	3.4	0.0	438.9
Oak Riparian Forest	469	0.0	0.2	0.0	312.1	66.5 %	0.0	0.1	0.0	3.2	0.0	0.3	0.0	315.3
Riparian Woodland	567	0.0	0.0	0.0	512.0	90.3 %	0.0	0.0	0.0	1.3	0.0	0.0	0.0	513.3
Riparian Scrub	2,749	0.0	31.0	0.0	1,776.2	64.6 %	0.0	46.2	0.0	27.1	0.0	77.3	0.0	1,803.3
Oak Woodland	332	0.0	1.2	0.0	181.5	54.7 %	0.0	0.8	0.0	3.3	0.0	2.1	0.0	184.8
Torrey Pine Forest	145	0.0	0.0	0.0	144.5	99.7 %	0.0	0.0	0.0	0.5	0.0	0.0	0.0	145.0
Tecate Cypress Forest	2	0.0	0.0	0.0	0.0	0.0 %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eucalyptus Woodland	183	0.0	3.5	0.0	126.1	68.9 %	0.9	19.8	0.0	9.7	0.9	23.3	0.0	135.7
Open Water	3,699	0.0	3.1	0.0	519.8	14.1 %	0.0	1.0	0.0	5.1	0.0	4.1	0.0	524.8
Disturbed Wetland	583	0.0	0.0	0.0	141.4	24.2 %	0.0	2.5	0.0	0.2	0.0	2.5	0.0	141.5
Natural Floodchannel	295	0.0	0.0	0.0	43.7	14.8 %	0.0	1.3	0.0	0.0	0.0	1.3	0.0	43.7
Shallow Bays	225	0.0	0.0	0.0	76.9	34.2 %	0.0	0.0	0.0	191.8	0.0	0.0	0.0	268.7
Pacific Ocean/Deep Bay	0	0.0	0.0	0.0	1.9		0.0	0.0	0.0	4.1	0.0	0.0	0.0	6.0
Disturbed Land	0	0.0	40.2	0.0	1,775.8		0.0	684.3	0.0	218.2	0.0	724.5	0.0	1,994.0
Agriculture	0	0.0	185.5	0.0	1,103.8		0.0	1,033.1	0.0	312.5	0.0	1,218.6	0.0	1,416.3
Urban/Developed	0	0.0	51.2	0.0	833.1		3.6	1,242.9	2.1	226.8	3.6	1,294.1	2.1	1,059.9
Agency Total:		0.9	1,011.9	10.5	34,848.9		7.4	9,172.8	3.0	2,662.2	8.3	10,184.7	13.5	37,511.1

Note: The Agriculture and Urban/Developed category is included to account for all land included within a project and habitat preserve planning area.

Summary of Project Gains

MSCP South San Diego County



From 1/1/2013 To 12/31/2013

City of San Diego

Project Tracking #	Project Name	Location	Applicant	APN	Date Cons.	Status	Mgmt Resp.	Conservation Type	Mit. Bank Credits Used	Acres Outside Habitat Preserve	Acres Inside Habitat Preserve	Total Acres
13-307110	9882 La Jolla Farms Grading	9882 La Jolla Farms	Joy Christensen – CEA Engineering	342-031-0500	10/11/2013	Gain	Private	Covenant	0.00	1.12	0.00	1.12
13-308252	Browar Residence- CE	La Jolla	Charles Scott – Tri-dimensional Engineering	346-660-0800	4/23/2013	Gain	Private	Covenant	0.00	0.94	0.00	0.94
13-316632(A)	McCaw Property	Del Mar Mesa	Paul Metcalf	306-050-2300	7/11/2013	Gain	Private	Covenant	0.00	0.11	9.02	9.13
13-316632(C)	McCaw Property		Paul Metcalf		10/9/2013	Gain	Local	Mitigation Bank Debit	0.87	0.00	0.00	0.00
13-316632(B)	McCaw Property	Del Mar Mesa	Paul Metcalf	306-050-2300	10/9/2013	Gain	Local	Dedication	0.00	0.00	0.97	0.97
13-309527(A)	Rabbitt Residence	Del Mar Mesa	Elizabeth Rabbitt	343-010-4700	11/22/2013	Gain	Local	Mitigation Bank Debit	0.56	0.00	0.00	0.00
13-309527(B)	Rabbitt Residence		Elizabeth Rabbitt		11/22/2013	Gain	Local	Mitigation Bank Debit	0.70	0.00	0.00	0.00
13-0001	Rancho Mission Cyn Sewer Access		City of SD Public Utilities		7/2/2013	Gain	Local	Mitigation Bank Debit	0.00	0.00	0.00	0.00
13-336785	SD River Pathway MMRP	0.03ac next to SD River Path just west of 163	City of San Diego		8/28/2013	Gain	Local	Restoration/Rev egetation	0.00	0.00	0.03	0.03
13-301345	Stedman Residence – Grading, PI and CE	La Jolla	Patrick Deborer c/o Stuart Stedman	308-010-1700	2/7/2013	Gain	Private	Covenant	0.00	0.77	0.00	0.77
13-323636(A)	White Residence- Grading & ED	Del Mar Mesa	Alton White c/o Mark Silva	308-180-2100	10/22/2013	Gain	Private	Covenant	0.00	0.03	0.46	0.49
Total for Agency: City of San Diego									2.13	2.97	10.49	13.46

Summary of Project Losses

MSCP South San Diego County



From 1/1/2013 To 12/31/2013

City of San Diego

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc.	Activity Type	Acres Outside Habitat Preserve	Acres Inside Habitat Preserve	Total Acres
13-307110	9882 La Jolla Farms Grading	9882 La Jolla Farms Road	Joy Christensen – CEA Engineering	342-031-0500	10/16/2013	Loss	260171	Single-Family Residential	1.22	0.00	1.22
13-308252	Browar Residence- CE	La Jolla	Charles Scott – Tri-dimensional Engineering	346-660-0800	1/10/2013	Loss	269064	Single-Family Residential	0.41	0.00	0.41
13-316632	McCaw Property	Del Mar Mesa	Jerry McCaw c/o Joy Christensen and Joe La Cava	308-020-0200	3/18/2013	Loss	174584	Rural Residential	0.07	0.87	0.94
13-309527	Rabbitt Residence	Del Mar Mesa	Elizabeth Rabbitt	308-020-6000 308-020-7500	1/28/2013	Loss	273122	Rural Residential	4.77	0.00	4.77
13-301345	Stedman Residence - Grading, PI and CE	La Jolla	Patrick Deborer c/o Stuart Stedman	344-030-2100	11/18/2013	Loss	253561	Single-Family Residential	0.61	0.00	0.61
13-323636	White Residence- Grading & ED	Del Mar Mesa	Alton White c/o Mark Silva	308-180-2100	12/31/2013	Loss	268982	Single-Family Residential	0.32	0.07	0.39
Total for Agency: City of San Diego									7.40	0.94	8.34



City of San Diego
Public Utilities Department

Impact Totals by Project 2013

Alvarado TS MH 459 and 458 Maintenance

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DCSS	Diegan Coastal Sage Scrub	upland	2	no	0.005
DHAB	Disturbed Habitat	upland	4	no	0.008

Buchanan Sewer Blockage Emergency

Emergency Repair

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DCSS	Diegan Coastal Sage Scrub	upland	2	yes	0.032
SMC	Southern Mixed Chaparral	upland	3a	yes	0.023
DHAB	Disturbed Habitat	upland	4	no	0.005
DHAB	Disturbed Habitat	upland	4	yes	0.24
NNV	Non-Native Vegetation	upland	4	yes	0.004
ORN	Ornamental	upland	4	no	0.021
NVC	Non-Vegetated Channel, Floodway, Lakeshore Fringe	wetland	W	yes	0.045
Streambed	Streambed	Wetland	W	yes	0.174
SWS	Southern Willow Scrub	wetland	W	no	0.003
SWS	Southern Willow Scrub	wetland	W	yes	0.008

Camino Del Rio South Emergency

Emergency Repair

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
NNV	Non-Native Vegetation	upland	4	no	0.007

Chollas Dam Vegetation Removal

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	No	0.01
FM	Freshwater Marsh	wetland	W	No	0.022

Famosa Slough Pipe Repair

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.002

Hawk Street Water Emergency

Emergency Repair

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.06

I-15 Buried Manhole 109

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.004

Loma Pass Buried Manhole

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.007



City of San Diego
Public Utilities Department

Impact Totals by Project 2013

Redland Place Sewer Repairs

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.006

Ridgemoor Drive Sewer Repair & MH Raising

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	No	0.01

Shawn Canyon MH 162 Maintenance

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	yes	0.001

Siesta Drive Sewer Emergency

Emergency Repair

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
NNV	Non-Native Vegetation	upland	4	no	0.007

Spruce MH 220 Emergency

Emergency Repair

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.002
NVC	Non-Vegetated Channel, Floodway, Lakeshore Fringe	wetland	W	no	0.0002

Tecolote North Exposed TS Emergency

Emergency Repair

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
NG	Native Grassland	upland	1	yes	0.003
NVC	Non-Vegetated Channel, Floodway, Lakeshore Fringe	wetland	W	yes	0.003

Wellington St Sewer Repair I

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	No	0.01

Wellington St Sewer Repair II

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DHAB	Disturbed Habitat	upland	4	no	0.002

West San Diego River Access

Maintenance

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
DWET	Disturbed Wetland	wetland	W	yes	0.014
SWS	Southern Willow Scrub	wetland	W	yes	0.006



City of San Diego Public Utilities Department Impact Totals 2013

Code	Habitat Type	Position	Tier	In MHPA?	Acre (sum)
NG	Native Grassland	upland	1	yes	0.003
DCSS	Diegan Coastal Sage Scrub	upland	2	no	0.023
DCSS	Diegan Coastal Sage Scrub	upland	2	yes	0.0976
SMC	Southern Mixed Chaparral	upland	3a	yes	0.023
NNG	Non-Native Grassland	upland	3b	no	0.04
DHAB	Disturbed Habitat	upland	4	yes	0.374
DHAB	Disturbed Habitat	upland	4	No	0.1333
NNV	Non-Native Vegetation	upland	4	yes	0.004
NNV	Non-Native Vegetation	upland	4	no	0.014
ORN	Ornamental	upland	4	no	0.021
AM	Alkali Marsh	wetland	W	yes	0.1
DWET	Disturbed Wetland	wetland	W	yes	0.014
DWET	Disturbed Wetland	wetland	W	no	0.007
FM	Freshwater Marsh	wetland	W	No	0.022
NVC	Non-Vegetated Channel, Floodway, Lakeshore Fringe	wetland	W	yes	0.055
NVC	Non-Vegetated Channel, Floodway, Lakeshore Fringe	wetland	W	no	0.0262
SCWRF	Southern Cottonwood-willow Riparian Forest	wetland	W	yes	0.072
Streambed	Streambed	Wetland	W	yes	0.174
SWS	Southern Willow Scrub	wetland	W	yes	0.021
SWS	Southern Willow Scrub	wetland	W	no	0.003
Total Acres					1.2271



City of San Diego
Public Utilities Department

Impact Totals by Tier 2013

Tier W (wetland)

<u>Acre</u>	<u>MHPA</u>
0.0582	no
0.4360	yes

Tier 4 (upland)

<u>Acre</u>	<u>MHPA</u>
0.1683	No
0.3780	yes

Tier 3b (upland)

<u>Acre</u>	<u>MHPA</u>
0.0400	no

Tier 3a (upland)

<u>Acre</u>	<u>MHPA</u>
0.0230	yes

Tier 2 (upland)

<u>Acre</u>	<u>MHPA</u>
0.0230	no
0.0976	yes

Tier 1 (upland)

<u>Acre</u>	<u>MHPA</u>
0.0030	yes



Mitigation Assignment by Project 2013

Habitat type	Impact Area (acre)*	Ratio	Mitigation acreage	Mitigation location
Alvarado TS MH 459 and 458 Maintenance				
Diegan coastal sage scrub	0.005	1:1	0.005	Lake Murray
Buchanan Sewer Blockage Emergency				
Diegan coastal sage scrub	0.032	1:1	0.032	Lake Murray
Southern mixed chaparral	0.023	1:1	0.023	Lake Murray
Non-vegetated channel	0.045	0:1	NA	No mitigation required for temporary disturbance to unvegetated channel. Not a City wetland.
Streambed	0.174	0:1	NA	No mitigation required for temporary disturbance to unvegetated streambed. Not a City wetland.
Southern willow scrub	0.011	2:1	0.022	Camino Del Rio North San Diego River Wetlands/Rancho Mission Canyon
Chollas Dam Vegetation Removal				
Freshwater marsh	0.022	2:1	0.044	Camino Del Rio North San Diego River Wetlands/Rancho Mission Canyon
Lopez Canyon LT MH 13 Access				
Alkali marsh	0.1	4:1	0.4	Los Penasquitos North
Manning Canyon Sewer Repair				
Diegan coastal sage scrub	0.002	1:1	0.002	Tecolote Canyon Upland and Wetland
Market Street Mh Access				
Disturbed wetland	0.007	0:1	NA	No mitigation required for removal of invasive non-native (<i>Arundo donax</i>).
Mission Gorge TS Pipe Protection				
Southern cottonwood – willow riparian forest	0.072	0:1	NA	Trimming of over story branches only. Branches expected to grow back in 1 year.
Nobel Drive Emergency				
Diegan coastal sage scrub	0.012	0:1	NA	Temporary tracking over shrubs not significant impact. Area restored within one growing season.
Otay Valley TS Pipe Protection				
Non-native grassland	0.04	.5:1	0.02	Marron Valley Cornerstone Lands Bank Permanent impacts (0.018) to channel require 1:1 mitigation assigned at Camino Del Rio North San Diego River. Temporary impacts to non-vegetated channel do not require mitigation as channel was restored to pre-impact condition following construction.
Non-vegetated channel	0.026	1:1	0.018	
Penasquitos Lagoon Mh 190 Access				
Diegan coastal sage scrub	0.006	1:1	0.006	Canyon View Uplands

